INTERNATIONAL SEARCH REPORT

International application No. PCT/KR2004/002450

			PC1/KR2004/002450
A. CLA	ASSIFICATION OF SUBJECT MATTER		
IPC7 1	F28D 15/02		
According to	International Patent Classification (IPC) or to both nati	onal classification and IPC	
B. FIELDS SEARCHED			
Minimum do	ocumentation searched (classification system followed by	y classification symbols)	
IPC7 F28D		,,	
Documentati	ion searched other than minimum documentation to the	extent that such documents are in	icluded in the fields searched
KR,JP: IPC	as above		and the state of t
Electronic da	ata base consulted during the intertnational search (name	of data hase and where practice	the search terms used
	0	or cam only man, whose practice	ion, scarch terms used)
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C. DOCU	MENTS CONSIDERED TO BE RELEVANT		
Category*			
Category	Citation of document, with indication, where app	propriate, of the relevant passage	Relevant to claim No.
Х	JP 2000-161878 A (FURUKAWA ELECTRIC CO.,	LTD.) Jun. 16, 2000	1-13
	see the whole document	•	
A JP 2003-179189 A (FURUKAWA ELECTRIC CO., I see the abstrct, Fig. 7.8		LTD) Jun. 27, 2003	. 1
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Α	IP 61-066086 A (MITCHIDISTITUDA LAW DID. 1 (III))) I f 1 C . 100 G	1.
A JP 61-066086 A (MITSUBISHI HEAVY IND., LTD see the abstract).) May 16, 1997	1
Α	KR 10-0290461 B1 (E.T.R.I.) Jun. 1, 2001		1
	see the claim 1, Fig. 5,6		1
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	er documents are listed in the continuation of Box C.	See patent family	annex.
* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance. "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understan			
to be of particular relevance the principle or theory underlying the invention			erlying the invention
filing date "X" document of particular relevance; the claimed invention cannot b			vance; the claimed invention cannot be
to document which may throw doubts on priority claim(s) or which is step when the document is taken alone			taken alone
special reason (as specified) considered to involve an inventive step			vance; the claimed invention cannot be aventive step when the document is
means		combined with one or more other such documents, such combination being obvious to a person skilled in the art	
"P" documenthan the	nt published prior to the international filing date but later priority date claimed	"&" document member of the sar	me patent family
Date of the actual completion of the international search		Date of mailing of the international search report	
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